Course Outcome (COs) of CSE Department Year of study: 2019-20		
Department of Computer Science & Engineering		
1FY104	Communication Skills Year of study: 2019-20	
CO11FY104.1	Students will be able to understand and develop communication skills and techniques which will felicitate their ability to work collaboratively with others.	
CO11FY104.2	Students will be able to use English grammar accurately that will increase their confidence in English writing and speaking.	
CO11FY104.3	Students will be able to invent, draft, organize, abstract, elaborate and synthesize their own and other's ideas in formatted way.	
CO11FY104.4	Students will be able to understand literary devices after reading poems and stories and also apprecaite art in all forms.	
1FY201	Engineering Mathematics-I Year of study: 2019-20	
CO11FY201.1	Students will be able to evaluate volume and surface area of the solid formed by revolution of different curves. Also calculate definite integral through Beta and Gamma functions.	
CO11FY201.2	Students will be able to classify the concept of sequence, monotonic sequence, Cauchy's sequence and infinite series. Also apply various methods to test convergence and divergence of sequence and infinite series.	
CO11FY201.3	· '	
CO11FY201.4	Students will be able to evaluate maxima and minima of multivariable functions using the concept of partial differentiation. Also understand the concept of limit, continuity and differentiability of two variable function	
CO11FY201.5	Students will be able to evaluate double and triple integration and to apply the knowledge to determine area, volume, centre of mass and centre of gravity. Further understand vector differentiation and vector integration.	
1FY203	Engineering Chemistry Year of study: 2019-20	
CO11FY203.1	Differentiation between hard and soft water, solve the related numerical problems on water treatment; and its application in industries and daily life	
	Comprehension of various types of fuel, instrumental techniques for analysis and solve the numerical problems related to it	
CO11FY203.3	Identification of corrosion and application of its knowledge to protect the metal	
CO11FY203.5	basic knowledge of organic reaction mechanism and introduction of drugs	
4FV207	Pagis Maghanias Fusing aning Venu of study: 2010-20	
1FY307	Basic Mechanical Engineering Year of study: 2019-20 Students will be able to understand introduction of mechanical engineering and devlop knowledge about steam boilers, steam turbines	
	and power plants. Students will be able to understand introduction of mechanical engineering and deviop knowledge about steam boilers, steam turbines and power plants. Students will be able to conclude basics of centrifugal, reciprocation pumps and Internal Combustion Engine. Students will be able to	
CO11FY307.2	create knowledge of various types of refrigeration and air conditioning system with their applications.	
CO11FY307.3	Students will be able to analyze basics of different types power tranmission systems such as belt, rope, gears and gear trains	
CO11FY307.4	Students will be able to illustrate working of different manufacturing processes	
CO11FY307.5	Students will be able to identify different engineering materials their, properties and various types of heat treatment processes	
1FY309	Basic Civil Engineering Year of study: 2019-20	
CO11FY309.1	Students will be able to describe and write the Role of civil engineer and impact of infrastructure on society.	
	Students will be able to write & outline the Principles of surveying and leveling will be known to student.	
	Student will be able to analyze types of foundation and parts of building	
h	Students will be able to classify the Importance of traffic engineering will be known to students.	
CO11FY309.5	Students will be able to express and review about problem related to environment.	
2FY202	Engineering Physics Year of study: 2019-20	
CO12FY202.1	Apply and operate on the concept of interference and diffraction to explain various wave optical phenomena	
CO12FY202.2	To describe the concept of quantum mechanics and apply the knowledge to 1D and 3D potential box problem	
CO12FY202.3	Application of coherence in the source of light and basics of optical fiber: employment of working principle and construction of lasers: demonstration of optical waveguides	
CO12FY202.4	Application of physics of semiconductors material and their classifications	
CO12FY202.5	Breakdown of electromagnetism with the help of Maxwell's equations and formulate the electromagnetic energy transformation theorem	
2FY306	Programming for Problem Solving Year of study: 2019-20	
CO12FY306.1	Students will be able to write algorithms and draw flowcharts for various problems, using components of flowcharts.	
CO12FY306.2	Students will be able to describe architecture of computer and solve number system problems.	
CO12FY306.3	Students will be able to memorize different data types and operators in C and to write ,compile and debug programs in C language, using the compiler.	

CO23304.2 CO23304.3 CO23304.4	Development and analysis of K-map to solve the Boolean function to the simplest form for the implementation of compact digital circuits. Acquire knowledge about various logic gates and logic families and analyze basic circuits of these families. Develop ability to identify, analyze and design combinational circuits like half adder full adder, MUX, DEMUX encoder, decoder.
CO23304 2	They bloom but and analysis of K-man to solve the Boolean function to the simplest form for the implementation of compact digital circuits
CO23304.1	Develop the understanding of number system and its application in digital electronics.
3CS304	Digital Electronics Year of study: 2019-20
CO23102.5	Students will be able to express themselves better in technical writing by understanding the concept, style and methodology used in Technical communication.
CO23102.4	Students will be able to get an in depth knowledge of technical communication used in professional life by getting to know all the forms and aspects of Technical Communication.
CO23102.3	Students will be able to read, understand, and interpret material on technology. They will have an appreciation for some of the ideas, issues, and problems involved in writing about technology and in workplace writing.
CO23102.2	Students will understand the basic components of definitions, descriptions, process explanations, and other common forms of technical writing.
CO23102.1	Students will understand and know how to follow the stages of the writing process (prewriting/writing/rewriting) and apply them to technical and workplace writing task
3CS102	Technical Communication Year of study: 2019-20
CO23201.5	solution which helps them in many areas.
	Student able to formulate real life problem into linear programming problem, transportation and assignment problem. Get the best
CO23201.3	Apply the principles of optimization using differential calculus
CO23201.2	To learn the formulation of different mathematical problems into optimization Problems and application in Engineering field.
CO23201.1	Students are able to apply different probability distribution to identify and solve real life problem.
	To learn the concepts and principles of Random variable and Probability distribution
3CS201	Advanced Engineering Mathematics Year of study: 2019-20
CO12FY105.5	Students will undertand to be prepared for humanistic education, professional competence with ethics and humanistic universal order.
CO12FY105.4	Students will understand the interconnectedness among the four orders of nature, recyclability, coexistance and harmony at all level of existence Students will understand to be prepared for humanistic education, professional competence with ethics and humanistic universal order.
CO12FY105.3	Students will understand about the harmony in family, in society and practically understand the importance of trust and respect as foundational value of relationship
CO12FY105.2	Students will understand the role of basic human aspirations in self and people around them.
	Students will understand the importance of happiness through identification of human values and skills. Students will understand the role of hasic human aspirations in self and people around them
2FY105	Human Values Year of study: 2019-20 Ctudents will understand the importance of happiness through identification of human values and skills
2EV10F	Human Values Voor of study: 2019-20
CO12FY201.5	Students will be able to classify second order PDE including the solution of one dimensional equation by method of separation of variables with boundary condition.
CO12FY201.4	Students identify the concept of PDE, including formation and solution of linear and non linear PDE. Also understand about Lagrange's method, standard forms of PDE to solve PDE.
CO12FY201.3	Students will be able to know various methods to solve ordinary differential equation of second order with variable coefficient which is useful for solving the practical problems which arise in the industry.
CO12FY201.2	Students understand various methods to solve ordinary differential equation of first and Higher order. Which place important role in all branches of Engineering
CO12FY201.1	Students will be able to understand the concept of rank of matrix, characteristic equation & characteristic roots & use the applicability of Caylay Hamilton Theorem to find inverse of matrix which is very important in many engineering application.
2FY201	Engineering Mathematics-II Year of study: 2019-20
CO12FY308.5	Assemble electronics components in the circuit after formulate its properties. Summarize and relate the behavior of LT switchgear, earthing and electrical power measurement
CO12FY308.4	Explain behaviors, Categorize and relate the concept of AC and DC machines.
CO12FY308.3	Categorize and formulate the behaviors of transformer.
	Summarize and explain the behaviors of basic electrical elements like resistor, inductor and capacitor.
	Arragne and reconstruct for solving circuit with different kind of methods and theorems.
2FY308	Basic Electrical Engineering Year of study: 2019-20
3EV209	Perio Floatwicel Engine swing Very of study 2010-20
CO12FY306.5	Students will be able to design flow chart and write programs involving functions and to handle file reading writing operations using any 64 bit compiler.
	any 64 bit compiler.

CO23304.5	Develop ability to design various synchronous and asynchronous sequential circuits like registers FLIP FLOP, and counters.
3CS405	Data Structure and Algorithm Year of study: 2019-20
CO23405.1	Student will be able to design algorithms and convert those algorithms into a C language code to perform push and pop operation on stack data structure. Student also develop an ability to perform recursion and apply them to the tower of Hanoi problem.
CO23405.2	Student will be able to design algorithms and convert those algorithms into a C language code to perform enqueu, dequeue and traversing operation on queue and Linked list data structure. Student will also able to list the advantages and disadvantages of Linked List.
CO23405.3	Students will be able to write C code to implement Linear search, Binary Search, bubble sort, Insertion sort, selection sort, quick sort, heap sort, merge sort, radix sort and counting sort.
CO23405.4	Students will be able to write C programming code to create binary tree and implement pre, post and in order traversing on the tree data structure.
CO23405.5	Students will be able to write C programming code to implement Hashing. He should be able to perform breadth and depth first search operations on Graph data structure
3CS406	Object Oriented Programming Year of study: 2019-20
CO23406.1	Student should be able to write programs using different programming paradigm such as top down and bottom up.
CO23406.2	Students shoud be able to write programs using OOPs concept, they should be abble to create classes and to call the properties of classes using objects. They should be able to apply access specifiers on the members of the class.
CO23406.3	Students should be able to write C++ code to inherit properties of one class into another. They should be able to apply the concept of virtual functions with espect to multiple inheritance.
CO23406.4	Students should be able to write the C++ code for the operator overloading function and can perform overriding of functions.
CO23406.5	Student should be able to create dynamic arrays using template programming. Also he will be able to define generic functions who can perform operations on different datatypes.
3CS407	Software Engineering Year of study: 2019-20
CO23407.1	Student will understand fundamental concepts in software engineering, SDLC, software requirements specification, formal requirements specification and verification
CO23407.2	Student will learn about Software Project Management and able to calculate the cost based on line of code.
CO23407.3	Student will be able to prepare various documents such as requirement analysis (SRS) and Structured analysis.
CO23407.4	Student will learn fundamental software design and Effective modular design.
CO23407.5	Student will be able to design UML diagrams for a given requirement specifications.
4CS201	Discrete Mathematical Structure Year of study: 2019-20
CO24201.1	Fundamental concepts of mathematics sets, functions, relations.
CO24201.2	Write an argument using logical notation and determine if the argument is or is not valid.
CO24201.3	Demonstrate the ability to find permutation, combination & lattice.
CO24201.4	Fundamental concepts of groups & rings
CO24201.5	Demonstrate different traversal methods for trees and graphs.
4CS103	Managerial Economics and Financial Accounting Year of study: 2019-20
CO24103.1	Students will able to know abot national income and its calculation, and will also able to know basic concepts of M.E.F.A.
CO24103.2	Students will able to know about law of demand, dmand forecasting, law of supply and elasticity of demand and supply.
CO24103.3	Students will able to know about theory of production, law of variable proportion and various types of cost and production optimization.
CO24103.4	Students will learn about market structure and its types and pricing theory of market.
CO24103.5	Students will learn about cash flow analysis, balance sheet, profit - loss statement, financial ration analysis, capital budgetiing techniques
4CS304	Microprocessor & Interfaces Year of study: 2019-20
CO24304.1	Understand the 8085 microprocessor's architecture, pin description and its functionality in depth. Student will get an idea about microprocessor based system by designing logical circuitry in order to interface processor with memory and I/O devices.
CO24204.2	Students will learn instructions of 8085 microprocessor, their classification and different programming techniques. Student will be able to identify the addressing modes and length in bytes of instructions.
CO24304.2	
CO24304.2 CO24304.3	Students will learn additional 16 bit instructions and arithmetic operations. Student will be able to design, write, and analyze assembly language programs of 8085 microprocessor. Student will be able to learn about various interrupts available in 8085 microprocessor. Interrupt structure, interrupt vector table and interrupt service routines etc. as well as how serial communication takes place.

4CS405	Data Base Management System Year of study: 2019-20
CO24405.1	Students will be able to learn the basic concepts and appreciate the applications of database systems.
CO24405.2	Students will be familiar with a commercial relational database system (Oracle) by writing SQL using the system.
CO24405.3	Students will be able to understand the relational database theory, be able to write relational algebra expressions for queries and normalization approach.
CO24405.4	Students will be familiar with basic database transaction processing and transaction states.
CO24405.5	Students will be familiar with the basic issues of database failure, recovery and concurrency control.
4CS406	Theory of Computation Year of study: 2019-20
CO24406.1	Students will be able to analyze and design finite automata and apply formal mathematical methods to prove properties of languages; grammars also analyze and design regular expression
CO24406.2	Students will be able to develop the ability to apply the ideas about context free grammars, Derivation and ambiguity. They will also be able to solve Greibach and Chomsky Normal form related problems including membership problems.
CO24406.3	Student will understand the concept of PDA and able to analyze and design push down automata.
CO24406.4	Students will be able to construct Turing machine for different problems and argue formally about correctness on different restricted machine models of computation. They can distinguish different computing languages and classify their respective types
CO24406.5	Students will be able to understand the key notions, such as computability, decidability, and complexity through problem solving.
4CS407	Data Communication & Computer Netwoks Year of study: 2019-20
CO24407.1	Students will learn how networked computing devices pass data to each other along data connections
CO24407.2	Students will learn about types of errors, and error detection & correction methods such as stop and weight, Go-Back-N. They will also study about ALOHA and Slotted ALOHA.
CO24407.3	Students will study different routing algorithms. The will be able to apply the concept of sub-netting and derived IPs for subnets.
CO24407.4	Student should learn and apply the leaky and token bucket algorithms for traffic shaping.
CO24407.5	Student will study different application level protocols such as FTP, SMTP and, HTTP.
5CS301	Information Theory & Coding Year of study: 2019-20
CO35301.1	Students will get the concepts of entropy & Source coding.
CO35301.2	Students will learn the classify various source coding schemes for encode the transmit the message.
CO35301.3	Students will compute the linear block code and idetify number of errors in trnamiting data and correct it at reciver side.
CO35301.4 CO35301.5	Students will be able to design and develope syndrom calculator for cyclic ecoder and decoder. Students will be able to design and develope vertbi decoder for convolutional coding.
CO33301.3	Students will be able to design and develope vertiblidecoder for convolutional coding.
5CS402	Compiler Design Year of study: 2019-20
CO35402.1	Students will be able to learn major concepts in areas of language translation and compiler design.
CO35402.2	Students will be able to ability to identify, formulate, and solve computer engineering problems with proper systematic & semantic approach.
CO35402.3	Students will be able to Develop possible program constructs for further code generation with Type checking.
CO35402.4	Students will be able to learn various concepts of symbol tables, Run time environments, memory management strategy.
CO35402.5	Students will get the concepts of Intermediate code generation, Code optimization and Code generations.
5CS403	Operating System Year of study: 2019-20
CO35403.1	Students will be able to understand principles of operating systems ,design and implementations, Understand the various components and functions of an operating system.
CO35403.2	Students will be able to analyzeand apply suitable Process Scheduling Algorithm and Memory Partition Techniques, Apply appropriate techniques to avoid control problems such as mutual exclusion and deadlocks
CO35403.3	Students will be able to memorize deadlock, Methods for handling deadlocks and memory management strategies
CO35403.4	Students will be able to gain the knowledge of memory management algorithm and CPU scheduling techniques. Implement and evaluate operating system components in Windows and Unix environments
CO35403.5	Students will be able to understand and memorize various file and disk management strategies.
5CS404	Computer Graphics & Multimedia Year of study: 2019-20
	Students will be able to define the basics of computer graphics, different graphics systems, application of computer graphics and
CO35404.1	rasterisation of line, circle and ellipse.
CO35404.2	Students will be able to apply geometric transformations on graphics objects, their application in composite form, different color filling algorithm and clipping algorithm.
CO35404.3	Students will be able to identify visible surface detection techniques & curves.

CO35404.4 Students will be able to render projected objects to natural CO35404.5 Students will be able to identify multimedia components and components are considered as a component of the comp	alize the scene in 2D view and use of illumination models & color models.
CO35404.5 Students will be able to identify multimedia components	and animation techniques
	and animation techniques.
5CS405 Analysis of Algorithms Year of study: 2019-20	
CO35405.1 Students will be able to understand various asymptotic no various sorting, greedy and divide and conquer approach.	otations, its properties and use in measuring algorithm behavior, learn about
	t computing problems using dynamic programming and branch and bound
<u> </u>	sing various algorithm design techniques for pattern matching algorithms.
CO35405.4 Students will be able to analyze randomized algorithms, R	
CO35405.5 Relate the concepts of NP Completeness for analyze and s	
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5CS512 Human-Computer Interaction Year of study: 2019-20	
·	s and computers from the viewpoint of human information processing.
	interaction (HCI) models and styles, as well as various historic HCI paradigms.
	ss and universal design principles to designing HCl systems.
11.7	
	socio-organizational issues, and stakeholder requirements of HCIs.
CO3512.3 Students will be able to discuss tasks and dialogs of releva	int HCI systems based on task analysis and dialog design.
6CS301 Digital Image Processing Year of study: 2019-20	
different color model used to represent image.	s involve in image processing, how image is acquired using different sensors and
frequency domain.	function on image for sharpening and smoothing in spatial as well as in
CO36301.3 Students will be able to analyze different types of noise or and homomorphism algorithm.	ccurs in image during transmission and able to restore the image using inverse
CO36301.4 Students will be able to develop encoder and decoder for	compression of image using diffrent coding techniques .
CO36301.5 Students will be able to differentiate between line point a during detection process.	nd edge detection, how edges and boundaries are linked and segment the image
6CS402 Machine Learning Year of study: 2019-20	
	The Desision Tree VAIN CVM etc.
CO36402.1 Student able to understanding Supervised learning Throug	
	orithm such as Clustering, Association rule mining, Gaussian Mixture Model.
CO36402.3 Student would be understand Feature Extraction and Fe	
CO36402.4 Student get basic knowledge of Semi-Supervised Learning	
CO36402.5 Student can be learn about basic of Recommended Syste	m.
6CS403 Information Security System Year of study: 2019-20	
understanding of security policies.	s evolved and some key encryption techniques used today, Develop an
CO36403.2 To master and implement different encryption algorithms	
CO36403.3 To master fundamentals of secret and public cryptography	<i>y</i>
CO36403.4 Students will be able to understand message authentication	on protocols and hash functions.
CO36403.5 To master protocols for security services	
6CS404 Computer Architecture and Organization Year of study: 2	2019-20
CO36404.1 Students will be able to understand basic structure of com	nputer.
CO36404.2 Students will be able to understand control unit operation	ns, will able to conceptualize instruction level parallelism.
CO36404.3 Students will be able to perform computer arithmetic ope	erations.
	uses banks for different word size operations, understand the concept of cache
CO36404.5 Students will be able to understand the concept of I/O org	ganization.
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6CS405 Artificial Intelligence Year of study: 2019-20	
6CS405 Artificial Intelligence Year of study: 2019-20 CO36405.1 Student able to understanding production system, searchi	ing algorithms, control strategies

ent can know about knowledge representing, propositional and predicate logic and solve fact using resolution using refutation and of Montonic and non monotonic concepts. ent can create semantic net, frames and conceptual dependency and learn basic fuzzy logic. ent can analyze game playing applying minmax procedure, alpha-beta pruning on problems and basic about NL n about learning concepts, neural network, and architecture of expert system.
ent can analyze game playing applying minmax procedure, alpha-beta pruning on problems and basic about NL
about learning concepts, neural network, and architecture of expert system.
d Computing Year of study: 2019-20
ents will be able to understand the fundamentals of cloud computing along with cloud computing design and challenges.
ents will be able to use relevant software tools used in cloud computing. Student will also differentiate between Parallel and ibuted Paradigms.
ents will be able to gain the knowledge about virtualization and its needs in cloud computing. Students will be able to use the tools able for virtualization.
ents will be able to understand the security issues and recovery methods associated with cloud computing
ents will be able to write case studies on the tools available for industrial purpose to deploy clouds. Students will also develop erstanding about cloud computing application areas.
ibuted System Year of study: 2019-20
erstanding the basics of distributed systems along with associated applications and research issues
erstanding the features, models, design issues, logical clock and event precedence
erstanding of concurrent process, interprocess communication and its characteristics, RPC and RMI
erstanding of system performance model, static process scheduling, dynamic load balancing, DFS
erstanding of distributed shared memory , faults, recovery and replicated distributed agreement
d Computing Year of study: 2019-20
ents will be able to understand the fundamentals of cloud computing along with cloud computing design and challenges.
ents will be able to use relevant software tools used in cloud computing. Student will also differentiate between Parallel and ibuted Paradigms.
ents will be able to gain the knowledge about virtualization and its needs in cloud computing. Students will be able to use the tools able for virtualization.
ents will be able to understand the security issues and recovery methods associated with cloud computing
ents will be able to write case studies on the tools available for industrial purpose to deploy clouds. Students will also develop erstanding about cloud computing application areas.
mation System Security Year of study: 2019-20
lop a basic understanding of cryptography, how it has evolved and some key encryption techniques used today, Develop an erstanding of security policies.
aster and implement different encryption algorithms
aster fundamentals of secret and public cryptography
ents will be able to understand message authentication protocols and hash functions.
aster protocols for security services
Mining & Ware Housing Year of study: 2019-20
ent will be able to understand introduction to data mining, preprocessing data reduction.
ent will learn concept description and Association rule mining.
ent can understand classification and clustering.
ent will know Data Warehousing and its Architecture.
ent will understand OLAP, Aggregation, Backup and Recovery
puter Aided Design for VLSI Year of study: 2019-20
concepts in VLSI CAD with emphasis on physical design, synthesis and optimization of digital circuits.
king of different methods for logical representation, manipulation and optimization for both combinational and sequential circuits.
and destructions of modern MCC above
eral design process of modern VLSI chips.
tify, formulate, design and synthesis problems related to digital circuits.
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7CS5A	Compiler Construction Year of study: 2019-20
CO475.1	Students will be able to learn major concepts in areas of language translation and compiler design.
CO475.2	Students will be able to ability to identify, formulate, and solve computer engineering problems with proper systematic & semantic approach.
CO475.3	Students will be able to Develop possible program constructs for further code generation with Type checking.
CO475.4	Students will be able to learn various concepts of symbol tables, Run time environments, memory management strategy.
CO475.5	Students will get the concepts of Intermediate code generation, Code optimization and Code generations.
7CS6A	Advance DataBase Management Systems Year of study: 2019-20
CO476A.1	Basic knowledge of storing, querying and managing large amounts of data and the associated languages, tools and systems
CO476A.2	Evaluate and Apply Advanced Database Development Techniques
CO476A.3	Explain and evaluate the fundamental theories and requirements that influence the design of modern database systems
CO476A.4	Design & Implement Advanced Database Systems.
CO476A.5	To develop skills in advanced visual & conceptual modelling and database design
8CS1A	Mobile Computing Year of study: 2019-20
CO481.1	Students will be able to understand mobile computing and various adapitibility issues in it and mobility management.
CO481.2	Students will be able to learn Data Dissemination and management and mobile cache maintenance schemes.
CO481.3	Students will be able to explore about middleware for application development and Service Discovery of middleware.
CO481.4	Students will be able to understand about Mobile IP and TCP , database systems in mobile environment and WWW and mobility.
CO481.5	Students will be able to learn AD-Hoc network and various routing protocols and algorithms .
8CS2A	Digital Image Processing Year of study: 2019-20
CO482.1	Students will be able to understand the fundamental steps involve in image processing, how image is acquired using different sensors and
	different color model used to represent image. Students will be able to apply different types of transform function on image for sharpening and smoothing in spatial as well as in
CO482.2	frequency domain.
CO482.3	Students will be able to analyze different types of noise occurs in image during transmission and able to restore the image using inverse and homomorphism algorithm.
CO482.4	Students will be able to develop knowledge about different compression standards of image and how compression is achieved using various coding.
CO482.5	Students will be able to differentiate between line point and edge detection, how edges and boundaries are linked and segment the image during detection process.
8CS3A	Distributed Systems Year of study: 2019-20
CO483.1	Students will be able to develop and apply knowledge of distributed system fundamentals, algorithms such as logical clock synchronization and distributed system architecture.
CO483.2	Students will be able to gain knowledge about message communication, remote procedure call and remote method invocation (RPC and RMI).
CO483.3	Students will be able to analyze load sharing and balancing algorithms and also describe Distributed file system characteristics.
CO483.4	Students will be able to develop knowledge about distributed systems using various techniques for tolerating partial failures and deadlocks.
CO483.5	Students will be able to explain failure recovery model in distributed system, also summarizes replicated data management.
8CS4.2A	Real Time Systems Year of study: 2019-20
CO484.1	Students will be able understand the basics of Real time System, concept of tasks & timing constraints.
CO484.2	Case studies of any real world software with the help of visual programming aids.
CO484.3	Students will be able toexplore Periodic Task scheduling and priority driven scheduling.
CO484.4	Students will be able to understand Aperiodic task scheduling.
CO484.5	Students will be able to explore resource access control & different priority ceiling protocol